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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2009; month=6; day=19; hr=14; min=41; sec=24; ms=448; ]

=====

\*\*\*\*\*

Reviewer Comments:

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<223> X = any amino acid with at least one cysteine residue having the formula (Xaa)<sub>n</sub>, where Xaa is any amino acid and n is an integer from 1 to 20

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<221> X

<222> (2)..(2)

<223> X = W or F

<220>

<221> X

<222> (3)..(17)

<223> X = any positively charged amino acid

<220>

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<222> (18)..(18)

<223> X = W or F

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<222> (19)..(31)

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<223>  X = W or F
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        formula (Xaa)n, where Xaa is any amino acid and n is an integer
        from 1 to 20
* * * * *

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For SEQ ID # 17, 18,19,21,22, and 23, "Xaa" cannot represent more than one amino acid. For example, SEQ ID # 17 says the "Xaa" at positions 1 and 33 can represent 1 to 20 amino acids. Please make all necessary changes.

2.

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W213      Artificial or Unknown found in <213> in SEQ ID (1)
E257      Invalid sequence data feature in <221> in SEQ ID (1)
E257      Invalid sequence data feature in <221> in SEQ ID (1)
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W213 Artificial or Unknown found in <213> in SEQ ID (20) This  
error has occurred more than 20 times, will not be displayed

The warnings and errors shown above are ok and require no response.

\*\*\*\*\*

Application No: 10551619 Version No: 3.0

Input Set:

Output Set:

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Finished: 2009-06-08 13:02:26.403  
Elapsed: 0 hr(s) 0 min(s) 15 sec(s) 112 ms  
Total Warnings: 33  
Total Errors: 58  
No. of SeqIDs Defined: 33  
Actual SeqID Count: 33

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**Input Set:**

**Output Set:**

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**Finished:** 2009-06-08 13:02:26.403  
**Elapsed:** 0 hr(s) 0 min(s) 15 sec(s) 112 ms  
**Total Warnings:** 33  
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E 257	Invalid sequence data feature in <221> in SEQ ID (19) This error has occurred more than 20 times, will not be displayed
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 Martin, Paul Taylor

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 <151> 2003-04-07

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<170> PatentIn version 3.3

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Lys Thr Glu Ala  
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 from 1 to 20

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 from 1 to 20

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 from 1 to 20

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from 1 to 20

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
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 from 1 to 20

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
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<222> (8)..(10)

<223> X = any amino acid

<220>

<221> X

<222> (11)..(11)

<223> X = W or F

<400> 33

Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
1				5						10	